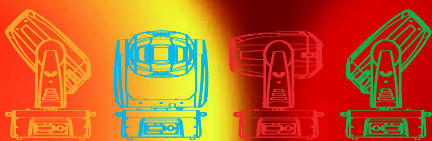**HIGH END SYSTEMS**
DIGITAL • LIGHTING
™

DL1 (Digital Light 1)–
the "bridge" between video and
automated lighting.

DL1 is a multifunctional digital
lighting fixture that can project virtual
scenery and digital aerials.

Catalyst software provides
state-of-the-art, real-time rendering
for total creative control of content.

DL.1™
D I G I T A L   L I G H T

400° pan and 270° tilt movement
allows the designer to project
virtually anywhere in 3D space.

MAKE THE TRANSITION TO DIGITAL LIGHTING!

The worlds of automated lighting and digital video are united with High End Systems' DL1 digital lighting fixture. Now you can incorporate virtually unlimited media content into the industry's most advanced (and best looking) moving light.

Imagine the possibilities. Pull images from DVDs, videos, graphic libraries and other media and bring additional life to a stage, wall, prop, screen or set–with complete control over image size and shape. In conjunction with Catalyst Software, DL1 gives you complete and LIVE control over the world you're creating; any kind of imagery, moving or static, subtle or overt, even digital aerials can now be instantly part of the picture you want to paint on your stage or audience.

Freedom. Unlike conventional moving lights where the beam field has peaks and valleys, digital lighting creates a flat, even field with a high contrast ratio that provides uniformly bright output. All this within a fixture that rigs fast and looks great.

Make the transition—move into the future of digital lighting with DL.1.

DL.1
DIGITAL LIGHT

Video Engine:

Three 1.3 inch TFT Active Matrix Type

Panel Resolution:
1024 x 768

Color System:
PAL, SECAM, NTSC, NTSC4.43, PAL-M, and PAL-N

Scanning Frequency:
H-sync. = 15 - 100 Khz,
V-sync = 50 -100 Hz

Horizontal Resolution:
800 TV lines (HDTV)

Minimum Focus Distance:
1.4 meters (4.6ft)

Video Inputs:

BNC Type RGBHV

HDB 15-Pin VGA (Analog)

DIN 4-pin (S-Video)

DIN 4-pin (S-Video) output for camera accessory

Mechanical Specifications:

Length:
595 mm (23.4 inches)

Width:
343 mm (13.5 inches)

Height:
861 mm (33.9 inches)

Weight: 39 kg (85 lbs.)

Compliance Listings:
ETL, CE, CSA

Operation:

11 Channels of DMX512 (20 Channels with addition of camera accessory)

Pan: 400 degrees

Tilt: 270 degrees

Zoom:
1.8-2.4:1 throw ratio

Focal Length:
f = 48.2 mm - 62.6 mm

Minimum Focus distance:
1.4 meters (4.6ft)

Iris/Shutter

Input Selection via DMX

Vacuum Fluorescent Menu system that allow users to access all on screen display options of the projector.

Palm Pilot based Projector Communication Tool allows technicians to poll fixture for lamp hours, fixture temperature, and setting brightness, contrast, and gamma

Lamp: 275W NSH lamp

Auto switching power supply:
AC 100v - 120v 50/60hz,
200 - 240 V 50/60hz

Current: 6.8 Amps maximum

Operating Temperature:
41 F - 95 F (5 C - 35 C)

Combined with the power of the Catalyst Media Server, the DL1 can keystone correct for projections from extreme angles.

DL1 now features an optional Sony camera accessory that forms the basis of its patented Digital Eye technology. Digital Eye offers practical as well as special effect functions. In practical terms, the Digital Eye is able to "see" through a dark environment. This allows event professionals to view set changes or check positioning in the dark. For special effects, the Digital Eye can be used to capture an image and project this infrared "night vision" image back as an effect. It also functions as a standard video camera in professionally lit environments for many other potential uses. Digital Eye allows the user to capture action from different and unusual angles where conventional cameras cannot go.

DL1 will project any signal from any RGBHV or S-Video playback device.

The iris provides smooth fades to true black.

HIGH END SYSTEMS

INTERNATIONAL AND U.S. PATENTS APPROVED AND PENDING.